

TITLE: FFPE sectionPICK™ & FFPE sectionWARMER™

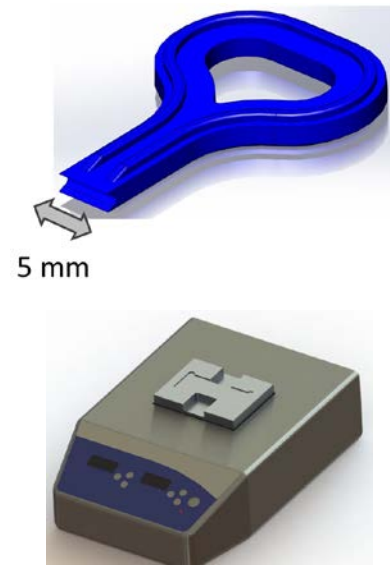
FFPE sectionPICK is designed to collect FFPE tissue sections mounted on slides.

It is not designed for the collection of stained sections.

Its shape is designed to collect the tissue scraped from the slide at the end of the tool. The sample is then easily transferred to a Covaris microTUBE.

FFPE sectionWARMER is designed to warm the FFPE section mounted on a slide, and such facilitate its collect with the FFPE sectionPICK.

FFPE sectionPICK and sectionWARMER are designed to be used with Covaris truXTRAC™ kits for DNA and RNA extraction from FFPE samples.



ORDERING INFORMATION

Name	Description	Part Number
FFPE sectionPICK	25 individually packaged and single use FFPE sectionPICK	520149
FFPE sectionWARMER	One heat block	500403
truXTRAC FFPE DNA Extraction Kit	Contains reagents and consumables required for the high yield and high quality DNA extraction and purification from 25 FFPE tissue samples.	520136
truXTRAC 8-strip FFPE DNA Extraction Kit	Contains reagents and consumables required for the high throughput DNA extraction and purification from 96 FFPE tissue samples.	520147
truXTRAC FFPE RNA Extraction Kit	Contains reagents and consumables required for the high yield and high quality RNA extraction and purification from 25 FFPE tissue samples.	520151

CAUTION: Use of these products requires a compatible dry block heater. See below a list of compatible heaters

Compatible heater:

- We recommend a VWR digital dry block heater from the 12621 product range.
 - PN 12621-084 for 110V customers
 - PN 12621-086 for 230V customers.
- For other compatible heater, please check Appendix A and the nominal dimensions of the FFPE sectionWARMER.

CAUTION: Before first use, the heater and sectionWARMER should be calibrated. Please see Appendix B for a procedure.

INSTRUCTIONS FOR USE

1. Place FFPE sectionWARMER in heater as shown in figure 1

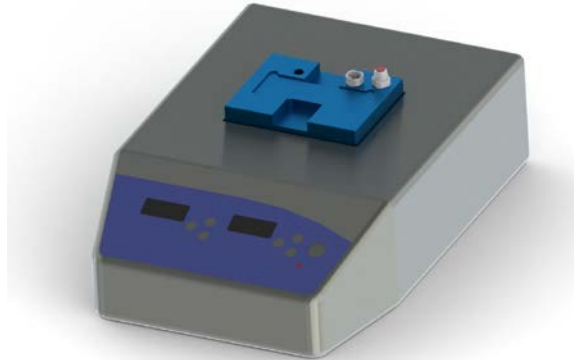


Figure 1 - FFPE sectionWARMER placed in heater

2. Set the heater temperature to 37°C
3. Wait for the temperature to reach the set point
4. Open the receiving Covaris microTUBE and place it in the designed hole
5. Place the FFPE tissue section slide in the slot as shown in figure 2 (tissue side up) and wait for 30 seconds.

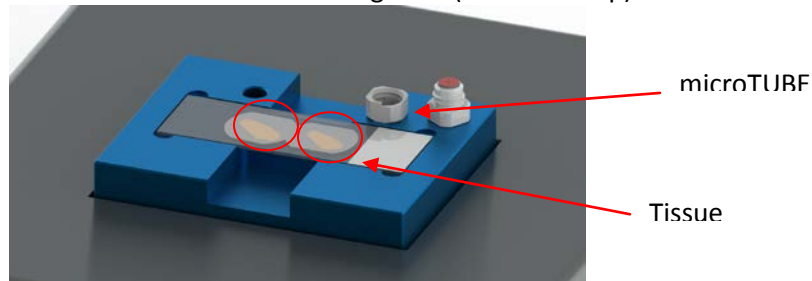


Figure 2 – Slide placed into sectionWARMER

6. Using the FFPE sectionPICK as a scraper, remove the tissue from the slide (figure 3)
 - a. Only the desired tissue areas should be removed, paraffin should be left on the slide
 - b. Hold the sectionPICK at a 45-50° angle to the slide. Then pressing down firmly advance the PICK 5-6 mm scraping the tissue as you go. Then draw the pick back to the starting position and check to see if all the tissue has been scraped away. If tissue still remains scrape the area again. For some slide it maybe necessary to scrape the same area 2-3 times. Continue scraping small areas of tissue as above, until you have collected all the desired tissue from the slide.

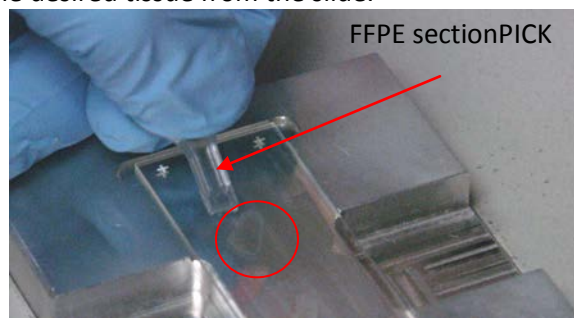
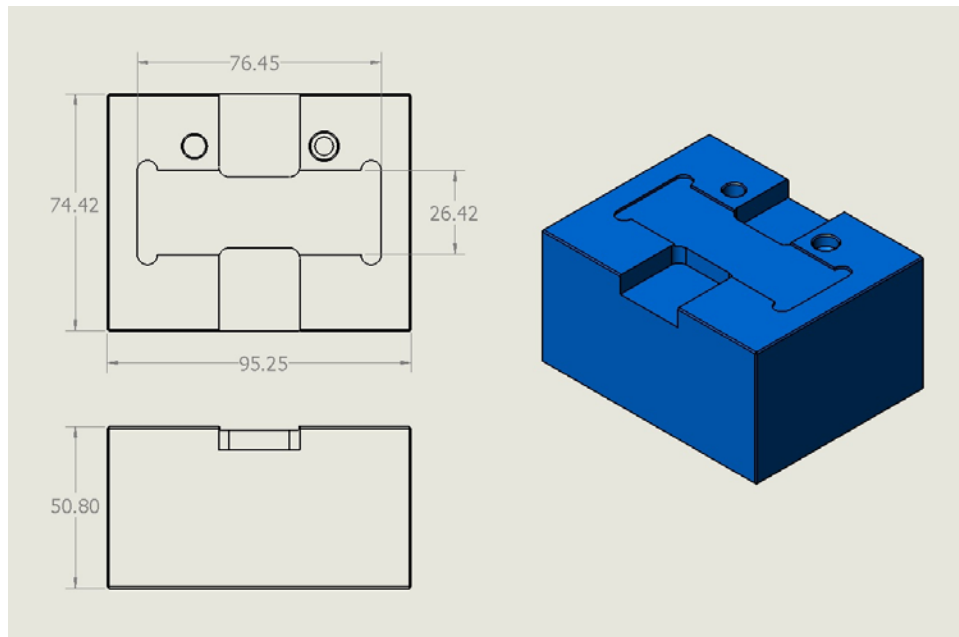


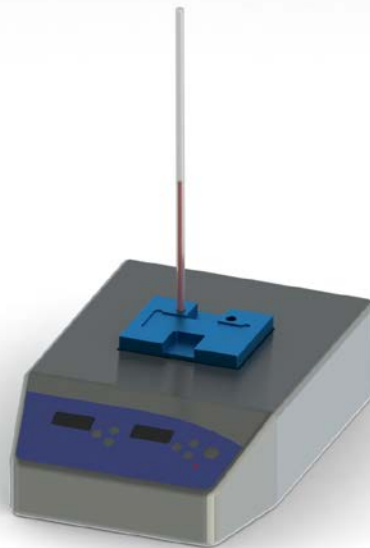
Figure 3 - Use of sectionPICK to remove tissue

7. The sample will collect in the narrow end of the FFPE sectionPICK
8. Transfer the sample using tweezers into a Covaris microTUBE and proceed to extraction with Covaris truXTRAC

Appendix A - Nominal Dimensions (in millimeters)



Appendix B – Calibration procedure



1. Place a thermometer in the hole in one corner of the section WARMER, as shown on the figure above
2. Set the heater temperature to 37°C (**Tset**)
3. Wait for the heater to reach the set point
4. Check temperature displayed by the thermometer (**Tth**)
5. If **Tth** is between 35°C and 39°C, calibration is correct
6. Otherwise, calculate a new temperature set point with the formula below

$$\text{New Temperature set point (}^{\circ}\text{C)} = \mathbf{Tset} + (\mathbf{Tset} - \mathbf{Tth})$$

